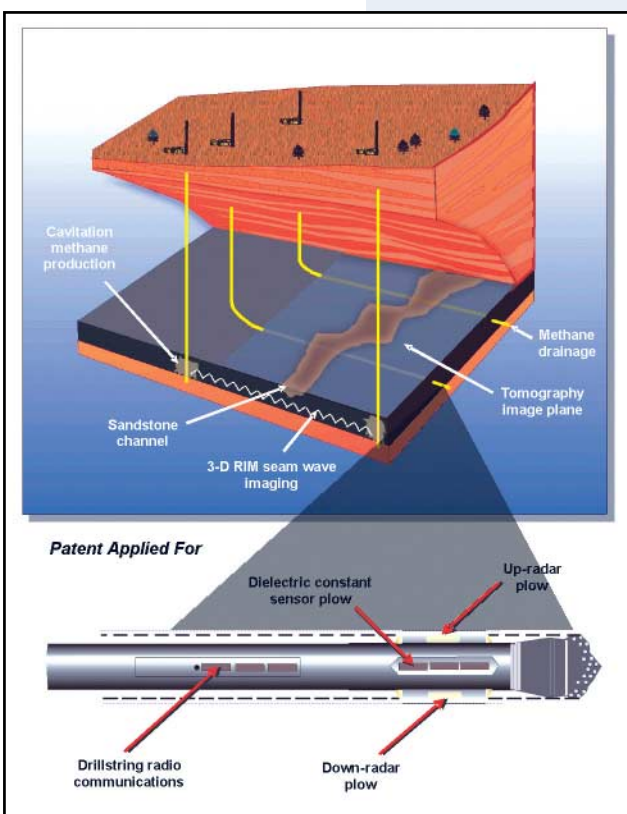


Drilling, Imaging and Coal Bed Methane Production Ahead of Mining



- Imaging geologic anomalies
 - Faults
 - Dikes and sills
 - Paleochannels
 - Altered coal
 - Old workings
 - Roof/floor rock type
- Coal bed methane
 - Determine flow interference
 - Determine seam height
 - Reduce CBM water
 - Reduce production cost
- Coal mining
 - De-gas seam ahead of mining
 - Reduced ventilation cost
 - Mine planning with geologic information
- Financial
 - Verification of financial projection
 - Low risk and financing cost

Commercialization Started



Horizon, Inc.

Raton, New Mexico



Sedakov Institute for Measurement
Systems Research (NIIS)
Nizhny Novgorod, Russia



Kansas City, MO